

Message

From: Flowers, Lynn [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=1A4411C874D041B9A8BADFC32B91BD70-FLOWERS, LYNN]
Sent: 12/30/2015 7:25:18 PM
CC: Ross, Mary [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=98359cd1f66f46ec91d327e99a3c6909-Ross, Mary]; Cogliano, Vincent [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376ac4d32bad2fe7cfef2886b-Cogliano, Vincent]; D'Amico, Louis [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=78a91f83c4414910be286efe02004dbc-D'Amico, Louis J.]; Jones, Samantha [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=eac77fe3b20c4667b8c534c90c15a830-Jones, Samantha]; Perovich, Gina [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=6e3c19d7f4db41bfa2477aa27ad83945-Perovich, Gina]; Gwinn, Maureen [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4bdc5237a5c440a7b664518e23eb5647-Gwinn, Maureen]; DeSantis, Joe [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=30160bc68b8b4edeac5231779e78e53c-DeSantis, Joe]
Subject: RE: Information on flame retardant research - NOW NEED INPUT BY DEC. 30
Attachments: PBDE_FINAL_MAY2010.pdf; LorberJEESEFinalArticle.pdf

FYI—forgot to cc you all. Sent this to Elizabeth just now.

There is a 2010 Final EPA Report, and a 2008 journal article that was a condensation from the full report. Both are attached. Here is the link to the NCEA report:

<http://cfpub.epa.gov/ncea/risk/recordisplay.cfm?deid=210404>

Lynn Flowers, PhD, DABT
Associate Director for Health
National Center for Environmental Assessment
US EPA
Washington, DC
703-347-8537

From: Flowers, Lynn
Sent: Wednesday, December 30, 2015 12:42 PM
To: Jarabek, Annie <Jarabek.Annie@epa.gov>; Corona, Elizabeth <Corona.Elizabeth@epa.gov>
Cc: Vandenberg, John <Vandenberg.John@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Cogliano, Vincent <cogliano.vincent@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Perovich, Gina <Perovich.Gina@epa.gov>; Gwinn, Maureen <gwinn.maureen@epa.gov>; DeSantis, Joe <DeSantis.Joe@epa.gov>; Bussard, David <Bussard.David@epa.gov>; Hagerthey, Scot <Hagerthey.Scot@epa.gov>
Subject: RE: Information on flame retardant research - NOW NEED INPUT BY DEC. 30

Hi everyone:

Jumping in here. John sent this around earlier—and I think David or Scot (added here) was going to check with Matt Lorber about some exposure work he has done.

Upon re-reading the original email, the request is also for “significant findings from past research or assessments.”

We have assessments on the IRIS database for PBDEs from 2008 (http://cfpub.epa.gov/ncea/iris2/chemicalLanding.cfm?substance_nmbr=1008) and multiple other diphenyl ether flame-retardants (<http://cfpub.epa.gov/ncea/iris/search/index.cfm?keyword=diphenyl+ethers>).

The current IRIS agenda (and the new multi-year agenda) doesn't include any flame retardants.

Lynn Flowers, PhD, DABT
Associate Director for Health
National Center for Environmental Assessment
US EPA
Washington, DC
703-347-8537

From: Jarabek, Annie
Sent: Wednesday, December 30, 2015 12:27 PM
To: Corona, Elizabeth <Corona.Elizabeth@epa.gov>
Cc: Vandenberg, John <Vandenberg.John@epa.gov>; Olden, Kenneth <Olden.Kenneth@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Cogliano, Vincent <cogliano.vincent@epa.gov>; Flowers, Lynn <Flowers.Lynn@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Perovich, Gina <Perovich.Gina@epa.gov>; Gwinn, Maureen <gwinn.maureen@epa.gov>; DeSantis, Joe <DeSantis.Joe@epa.gov>
Subject: Re: Information on flame retardant research - NOW NEED INPUT BY DEC. 30

Looping in Joe. He & Sam only ones covering IRIS.

Sent from my iPhone

On Dec 30, 2015, at 12:26 PM, Corona, Elizabeth <Corona.Elizabeth@epa.gov> wrote:

Looping in Gina and Sam...

--

Elizabeth Corona, Ph.D. ☎ EPA | ORD ☎ Special Assistant / Immediate Office ☎
(Desk) 202-564-8356 – (Cell) Personal Phone / Ex. 6

From: Corona, Elizabeth
Sent: Wednesday, December 30, 2015 12:21 PM
To: Vandenberg, John <Vandenberg.John@epa.gov>; Jarabek, Annie <Jarabek.Annie@epa.gov>; Olden, Kenneth <Olden.Kenneth@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Cogliano, Vincent <cogliano.vincent@epa.gov>; Flowers, Lynn <Flowers.Lynn@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>
Cc: Gwinn, Maureen <gwinn.maureen@epa.gov>
Subject: FW: Information on flame retardant research - NOW NEED INPUT BY DEC. 30

Hi Folks – I'm finishing up the summary on flame retardants for Tom's 1/4 meeting with the Administrator. When will you be able to send over the information on the relevant chemicals on the IRIS agenda? I need to get this cleaned up and to Tom by COB tomorrow. – Thanks, Elizabeth

Elizabeth Corona, Ph.D. ☎ EPA | ORD ☎ Special Assistant / Immediate Office ☎
(Desk) 202-564-8356 – (Cell) Personal Phone / Ex. 6

From: Deener, Kathleen
Sent: Wednesday, December 23, 2015 2:58 PM
To: Vandenberg, John <Vandenberg.John@epa.gov>; Olden, Kenneth <Olden.Kenneth@epa.gov>; Bahadori, Tina <Bahadori.Tina@epa.gov>; Johnson, Jim <Johnson.Jim@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Radzikowski, Mary Ellen <Radzikowski.Maryellen@epa.gov>; Slimak, Michael

<Slimak.Michael@epa.gov>; Jarabek, Annie <Jarabek.Annie@epa.gov>; Geller, Andrew <Geller.Andrew@epa.gov>; Hubal, Elaine <Hubal.Elaine@epa.gov>; Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; vanDrunick, Suzanne <vanDrunick.Suzanne@epa.gov>; Costa, Dan <Costa.Dan@epa.gov>; Benson, William <Benson.William@epa.gov>; Sonich-Mullin, Cynthia <Sonich-Mullin.Cynthia@epa.gov>; Hauchman, Fred <hauchman.fred@epa.gov>
Cc: Gwinn, Maureen <gwinn.maureen@epa.gov>; Corona, Elizabeth <Corona.Elizabeth@epa.gov>; Smith, Kelley <Smith.Kelley@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>
Subject: RE: Information on flame retardant research - NOW NEED INPUT BY DEC. 30

Hi All – thanks so much for the information you’ve already sent. I’m going to start compiling it for Tom. The meeting was moved to Jan. 4, so please send any additional input by noon on Dec. 30.

Thanks,

Kacee Deener, MPH
Senior Science Advisor
Office of Research and Development
(ph) 202.564.1990 | (mobile) Personal Phone / Ex. 6
deener.kathleen@epa.gov

From: Deener, Kathleen
Sent: Wednesday, December 23, 2015 10:02 AM
To: Vandenberg, John <Vandenberg.John@epa.gov>; Olden, Kenneth <Olden.Kenneth@epa.gov>; Bahadori, Tina <Bahadori.Tina@epa.gov>; Johnson, Jim <Johnson.Jim@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Radzikowski, Mary Ellen <Radzikowski.Maryellen@epa.gov>; Slimak, Michael <Slimak.Michael@epa.gov>; Jarabek, Annie <Jarabek.Annie@epa.gov>; Geller, Andrew <Geller.Andrew@epa.gov>; Hubal, Elaine <Hubal.Elaine@epa.gov>; Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>; vanDrunick, Suzanne <vanDrunick.Suzanne@epa.gov>; Costa, Dan <Costa.Dan@epa.gov>; Benson, William <Benson.William@epa.gov>; Sonich-Mullin, Cynthia <Sonich-Mullin.Cynthia@epa.gov>; Hauchman, Fred <hauchman.fred@epa.gov>
Cc: Gwinn, Maureen <gwinn.maureen@epa.gov>; Corona, Elizabeth <Corona.Elizabeth@epa.gov>; Smith, Kelley <Smith.Kelley@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>
Subject: Information on flame retardant research - INPUT REQUESTED BY JAN. 4

Hi Folks –

Tom has a meeting with the Administrator on January 5 to discuss flame retardants. The meeting will also include Jim Jones and Ruth Etzel.

I think this meeting may have been scheduled – at least in part – in reaction to the recent paper from the Columbia Children’s Center that found that high prenatal exposure to flame retardant congeners was associated with increased attention problems at age 4. Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

I know ORD has conducted some work on flame retardants in the past, and I want to make sure Tom has a general understanding of our key contributions to the science. I suspect we also have ongoing research.

I realize we’re heading into the holidays, but I’m hoping to put together some information to include in Tom’s reading binder for the evening of Jan. 4.

Can you please send me a few sentences about any ongoing work on flame retardants as well as any significant findings from past research or assessments?

Thanks in advance for your help with this, and my apologies for the quick turn-around. I erred on the side of being over inclusive on this email, so if you feel this doesn't apply to your program or lab/center, please let me know.

When you reply, please copy Maureen Gwinn, Elizabeth Corona and Kelley Smith (all copied on this email).

Thanks, and happy holidays!

Kacee Deener, MPH
Senior Science Advisor
Office of Research and Development
(ph) 202.564.1990 | (mobile) Personal Phone / Ex. 6
deener.kathleen@epa.gov